Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	330	715/517.CCLS.	USPAT	OR	ON	2005/11/25 12:58
L8	99	715/525.CCLS.	US-PGPUB; USPAT	OR	ON	2005/11/25 12:58
L9	80	715/518.CCLS.	US-PGPUB; USPAT	OR	ON	2005/11/25 12:59
L10	62	715/519.CCLS.	US-PGPUB; USPAT	OR	ON	2005/11/25 12:59
L11	99	715/520.CCLS.	USPAT	OR	ON	2005/11/25 12:59
L12	427	345/660.CCLS.	USPAT	OR	ON	2005/11/25 12:59
L13	76	345/670.CCLS.	US-PGPUB; USPAT	OR	ON	2005/11/25 13:00
L14	1532	715/530-531.CCLS.	US-PGPUB; USPAT	OR	ON	2005/11/25 13:00
S108	43	(IMAGE OR GRAPHIC) REFLOW$3 TEXT	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2005/11/25 09:00
S109	19	paginat$3 same dynamic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/25 10:51
S110	2873642	S109 resiz$3 (image or graphic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/25 10:49
S111	0	S109 resiz$3 (image or graphic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2005/11/25 11:02
S112	2	paginat$3 resiz$3 (image or graphic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2005/11/25 11:03
S113	0	paginat$3 rescal$3 (image or graphic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2005/11/25 11:19
S114	1	paginat$3 reflow$3 (image or graphic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2005/11/25 12:23

	1	Document ID	Issue Date	Title	Current OR	Inventor	2	3	4	5
1		US 20050256844 A1	20051117	Business method for integrating and aligning product development and brand strategy	707/2	Cristol, Steven M.				
2		US 20050223320 A1	20051006	Automatic layout of content in a design for a medium	715/517	Brintzenhoffe, Keith S. et al.				
3		US 20050193321 A1	20050901	Insertion point bungee space tool	715/500	Iwema, Marieke et al.				
4		US 20050162268 A1	20050728	Digital video surveillance	340/531	Grindstaff, Gene A. et al.				
5		US 20050160084 A1	20050721	Apparatuses and methods for dynamic creation of phase gantt charts	707/3	Barrett, Kevin R.				
6		US 20050125728 A1	20050609	PDF document to PPML template translation	715/523	Peiro, Jose Abad et al.				
7		US 20050125724 A1	20050609	PPML to PDF conversion	715/517	Peiro, Jose Abad et al.				
8		US 20050073696 A1	20050407	Duplex printing	358/1.6	Mackenzie, Andrew et al.				
9		US 20050063010 A1	20050324	Multiple flow rendering using dynamic content	358/1.18	Giannetti, Fabio				
10		US 20050033505 A1	20050210	Traffic surveillance and report system	701/117	Zatz, Daniel				

	1	Document ID	Issue Date	Title	Current OR	Inventor	2	3	4	5
11		US 20050010117 A1	20050113	Method and apparatus for monitoring dynamic cardiovascular function using n-dimensional representations of critical functions	600/484	Agutter, James et al.				
12		US 20040265038 A1	20041230	Compact toothbrush assembly	401/183	Malki, Abdo				
13		US 20040210850 A1	20041021	Method and apparatus for monitoring dynamic systems using n-dimensional representations of critical functions	715/848	Bermudez, Julio C. et al.				
14		US 20040205602 A1	20041014	Page layout design using geometric interference schema	715/517	Croeni, Douglas				
15		US 20040205553 A1	20041014	Page layout markup language	715/513	Hall, David M. et al.				
16		US 20040133542 A1	20040708	System and method for creating customized catalogues	707/1	Doerksen, Lee et al.				

17		US 2004010 6156 A1	20040603	Methods and compositions for detecting receptor-ligand interactions in single cells	435/7.2	Perez, Omar D. et al.				

	1	Document ID	Issue Date	Title	Current OR	Inventor	2	3	4	5
18		US 20040075672 A1	20040422	System and method for block scaling data to fit a screen on a mobile device	345/660	Vale, Peter Ormand et al.				
19		US 20040022449 A1	20040205	Method, arrangement, and software for optimizing the image quality of movable subjects imaged with a microscope	382/254	Olschewski, Frank				
20		US 20040004641 A1	20040108	Image segmentation and warping for specialized display viewing	715/848	Gargi, Ullas				
21		US 20030227472 A1	20031211	Method and apparatus for monitoring dynamic cardiovascular function using n-dimensional representations of critical functions	715/700	Westinskow, Dwayne et al.				
22		US 20030156143 A1	20030821	Anesthesia drug monitor	715/848	Westenskow, Dwayne et al.				
23		US 20030117365 A1	20030626	UI with graphics-assisted voice control system	345/156	Shteyn, Yevgeniy Eugene				

	1	Document ID	Issue Date	Title	Current OR	Inventor	2	3	4	5
24		US 20030095135 A1	20030522	Methods, systems, and programming for computer display of images, text, and/or digital content	345/613	Kaasila, Sampo J. et al.				
25		US 20030079177 A1	20030424	Automatic layout of content in a design for a medium	715/500	Brintzenhoffe, Keith S. et al.				
26		US 20030014445 A1	20030116	Document reflowing technique	715/526	Formanek, Dave et al.				
27		US 20020138519 A1	20020926	Apparatus and method for forming processed data	715/517	Miller, Robert A.				
28		US 20020059350 A1	20020516	Insertion point bungee space tool	715/530	Iwema, Marieke et al.				
29		US 6965388 B2	20051115	System and method for block scaling data to fit a screen on a mobile device	345/660	Vale; Peter Ormand et al.				
30		US 6941507 B2	20050906	Insertion point bungee space tool	715/500	Iwema; Marieke et al.				
31		US 6933300 B2	20050823	JAK-3 inhibitors for treating allergic disorders	514/266.4	Uckun; Fatih M. et al.				
32		US 6928610 B2	20050809	Automatic layout of content in a design for a medium	715/517	Brintzenhoffe; Keith S. et al.				

	1	Document ID	Issue Date	Title	Current OR	Inventor	2	3	4	5
33		US 6883993 B2	20050426	Compact toothbrush assembly	401/183	Malki; Abdo				
34		US 6791529 B2	20040914	UI with graphics-assisted voice control system	345/156	Shteyn; Yevgeniy Eugene				
35		US 6641051 B1	20031104	System for embedded digital data that allows embedding of data around known obstructions	235/494	Illowsky; Daniel H. et al.				
36		US 6590595 B1	20030708	Mechanism for providing intuitive scrolling feedback	715/784	Wagner; Annette et al.				

being machine processable. The advantages of the ViSWeb approach include equivalent graphic-text knowledge representation, visual navigability, semantic sentenc ...

Keywords: Conceptual graphs, Knowledge representation, Object-Process Methodology, Semantic Web, Visual Semantic Web

8 On the line breaking problem in text formatting

James O. Achugbue

June 1981 **ACM SIGPLAN Notices , Proceedings of the ACM SIGPLAN SIGOA symposium on Text manipulation**, Volume 16 Issue 6

Publisher: ACM Press

Full text available: pdf(457.28 KB) Additional Information: full citation, abstract, references, citings, index terms

A basic problem in text formatting is that of determining the break points for separating a string of words into lines to obtain a formatted paragraph. When formatted text is required to be aligned with both the left and right margins, the choice of break points greatly affects the quality of the formatted document. This paper presents and discusses solutions to the line breaking problem. These include the usual line-by-line method, a dynamic programming approach, and a new algorithm which ...

Keywords: Computer typesetting, Dynamic programming, Line breaking, Text alignment, Text formatting

9 Sparse dynamic programming II: convex and concave cost functions

David Eppstein, Zvi Galil, Raffaele Giancarlo, Giuseppe F. Italiano

July 1992 **Journal of the ACM (JACM)**, Volume 39 Issue 3

Publisher: ACM Press

Full text available: pdf(1.65 MB) Additional Information: full citation, abstract, references, citings, index terms

Dynamic programming solutions to two recurrence equations, used to compute a sequence alignment from a set of matching fragments between two strings, and to predict RNA secondary structure, are considered. These recurrences are defined over a number of points that is quadratic in the input size; however, only a sparse set matters for the result. Efficient algorithms are given for solving these problems, when the cost of a gap in the alignment or a loop in the secondary structure is taken as ...

Keywords: dynamic programming, recurrence, sequence alignment, sparsity, time complexity

10 Document analysis 2: Dynamic collaborative business processes within documents

Thomas B. Hodel, Harald Gall, Klaus R. Dittrich

October 2004 **Proceedings of the 22nd annual international conference on Design of communication: The engineering of quality documentation**

Publisher: ACM Press

Full text available: pdf(335.58 KB) Additional Information: full citation, abstract, references, index terms

Effective collaborate business process support is essential in today's business. In this paper, we address this aspect within documents. Often, such text documents are stored unsystematically in a rather confusing file structure with an inscrutable hierarchy and little access control. Business data, on the other hand, are stored in a systematic way in databases allowing multi-user, multi-site, user-/role-specific controlled access. We store text documents in databases and exploit these databa ...

Keywords: categories, collaborative document processing, computer supported cooperative work (CSCW), document business process technologies, native text database

11 An analysis of dynamic scheduling techniques for symbolic applications
Alessandra Costa, Alessandro De Gloria, Paolo Faraboschi, Mauro Olivieri
December 1993 **Proceedings of the 26th annual international symposium on Microarchitecture**
Publisher: IEEE Computer Society Press
Full text available: pdf(873.81 KB) Additional Information: full citation, references

12 An automatic extraction of key paragraphs based on context dependency
Fumiyo Fukumoto, Yoshimi Suzukit, Jun'ichi Fukumoto
March 1997 **Proceedings of the fifth conference on Applied natural language processing**
Publisher: Morgan Kaufmann Publishers Inc.
Full text available: pdf(759.77 KB) Publisher Site Additional Information: full citation, abstract, references

In this paper, we propose a method for extracting key paragraphs in articles based on the degree of context dependency. Like Luhn's technique, our method assumes that the words related to theme in an article appear throughout paragraphs. Our extraction technique of keywords is based on the degree of context dependency that how strongly a word is related to a given context. The results of experiments demonstrate the applicability of our proposed method.

13 Energy efficient architectures: Exploiting VLIW schedule slacks for dynamic and leakage energy reduction
W. Zhang, N. Vijaykrishnan, M. Kandemir, M. J. Irwin, D. Duarte, Y-F. Tsai
December 2001 **Proceedings of the 34th annual ACM/IEEE international symposium on Microarchitecture**
Publisher: IEEE Computer Society
Full text available: pdf(1.19 MB) Publisher Site Additional Information: full citation, abstract, references, citings

The mobile computing device market is projected to grow 16.8 million units in 2004, representing an average annual rate of 28% over the five year forecast period [5]. This brings the technologies that optimize system energy to forefront. As circuits continue to scale in future, it would important to optimize both leakage and dynamic energy. Effective optimization of leakage and dynamic energy consumption requires a vertical integration of techniques spanning from circuit to software levels.Sched ...

14 Database dynamics
Colette Rolland
April 1983 **ACM SIGMIS Database**, Volume 14 Issue 3
Publisher: ACM Press
Full text available: pdf(914.11 KB) Additional Information: full citation, abstract, references

This paper argues for a global description, at a conceptual level, of the structure and the behavior of data, and an automatic control of the flow of data in the course of time.It presents an original model to integrate at the conceptual level, data, processes and dynamics in the design of information systems and a set of mechanisms integrated in a processor which provides the synchronized updating of the database.

15 Implementation techniques: Storage reallocation in hierarchical associative memories
Jeffrey L. Gertz
June 1972 **ACM SIGOPS Operating Systems Review**, Volume 6 Issue 1/2
Publisher: ACM Press
Full text available: pdf(751.08 KB) Additional Information: full citation, references

16 Storage reallocation in hierarchical associative memories

Jeffrey L. Gertz
October 1971 **Proceedings of the third ACM symposium on Operating systems principles**
Publisher: ACM Press

Full text available: pdf(624.98 KB) Additional Information: full citation, abstract, references, citings, index terms

Two recent trends in computing, namely parallelism and programming generality, imply that increasing importance will be placed on developing location-independent schemes for computer memories. This paper examines several issues that arise when hierarchical associative memories are used to accomplish this objective. First, it presents methods for constructing economical associative memories to be utilized as lower levels in the hierarchy. Then, it considers the ramifications of storage reall ...

17 Digital images: Adaptive gain control for high dynamic range image display

Sumanta Pattanaik, Hector Yee
April 2002 **Proceedings of the 18th spring conference on Computer graphics**
Publisher: ACM Press

Full text available: pdf(2.06 MB) Additional Information: full citation, abstract, references, citings, index terms

Realistic display of high dynamic range images without introducing any artifact is a hard problem. In this paper we address this problem using a detail preserving local gain control approach. Unlike many other local gain control methods available in the literature, our method is simple, and does not introduce ugly "halo" artifacts around the high dynamic range edges. We demonstrate the usefulness of this method by showing several examples.

Keywords: adaptation, high-dynamic range image, local gain control, tone mapping

18 A full-text retrieval system with a dynamic abstract generation function

Seiji Miike, Etsuo Itoh, Kenji Ono, Kazuo Sumita
August 1994 **Proceedings of the 17th annual international ACM SIGIR conference on Research and development in information retrieval**
Publisher: Springer-Verlag New York, Inc.

Full text available: pdf(802.20 KB) Additional Information: full citation, references, citings, index terms

19 Adding range restriction capability to dynamic data structures

Dan E. Willard, George S. Lueker
July 1985 **Journal of the ACM (JACM)**, Volume 32 Issue 3
Publisher: ACM Press

Full text available: pdf(1.65 MB) Additional Information: full citation, abstract, references, citings, index terms, review

A database is said to allow range restrictions if one may request that only records with some specified field in a specified range be considered when answering a given query. A transformation is presented that enables range restrictions to be added to an arbitrary dynamic data structure on n elements, provided that the problem satisfies a certain decomposability condition and that one is willing to allow increases by a factor of O(log n) in ...

20 Safe locking policies for dynamic databases

Vinay K. Chaudhri, Vassos Hadzilacos
May 1995 **Proceedings of the fourteenth ACM SIGACT-SIGMOD-SIGART symposium**

on Principles of database systems

Publisher: ACM Press

Full text available: pdf(1.28 MB) Additional Information: full citation, references, index terms

Keywords: concurrency control, correctness issues

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  ```

 You can also enter a full question or concept in plain language.

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  Where are the sales offices?
  ```

- Capitalize proper nouns to search for specific people, places, or products.

  ```
  John Colter, Netscape Navigator
  ```

- Enclose a phrase in double quotes to search for that exact phrase.

  ```
  "museum of natural history" "museum of modern art"
  ```

- Narrow your searches by using a + if a search term must appear on a page.

  ```
  museum +art
  ```

- Exclude pages by using a - if a search term must not appear on a page.

  ```
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  ```

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

```
museum +"natural history" dinosaur -Chicago
```

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1 Student papers: Optimal multi-paragraph text segmentation by dynamic programming

Oskari Heinonen

August 1998 **Proceedings of the 36th annual meeting on Association for Computational Linguistics - Volume 2**

Publisher: Association for Computational Linguistics

Full text available: pdf(272.35 KB) Publisher Site Additional Information: full citation, abstract, references, citings

There exist several methods of calculating a similarity curve, or a sequence of similarity values, representing the lexical cohesion of successive text constituents, e.g., paragraphs. Methods for deciding the locations of fragment boundaries are, however, scarce. We propose a fragmentation method based on dynamic programming. The method is theoretically sound and guaranteed to provide an optimal splitting on the basis of a similarity curve, a preferred fragment length, and a cost function define ...

2 Dynamic dependency analysis of ordinary programs

Todd M. Austin, Gurindar S. Sohi

April 1992 **ACM SIGARCH Computer Architecture News , Proceedings of the 19th annual international symposium on Computer architecture ISCA '92**, Volume 20 Issue 2

Publisher: ACM Press

Full text available: pdf(1.04 MB) Additional Information: full citation, abstract, references, citings, index terms

A quantitative analysis of program execution is essential to the computer architecture design process. With the current trend in architecture of enhancing the performance of uniprocessors by exploiting fine-grain parallelism, first-order metrics of program execution, such as operation frequencies, are not sufficient; characterizing the exact nature of dependencies between operations is essential. This paper presents a methodology for constructing the dynamic execution graph that ...

3 Novelty and topic change: Domain-independent text segmentation using anisotropic diffusion and dynamic programming

Xiang Ji, Hongyuan Zha

July 2003 **Proceedings of the 26th annual international ACM SIGIR conference on Research and development in informaion retrieval**

Publisher: ACM Press

Full text available: pdf(171.61 KB) Additional Information: full citation, abstract, references, index terms

This paper presents a novel domain-independent text segmentation method, which identifies the boundaries of topic changes in long text documents and/or text streams. The method consists of three components: As a preprocessing step, we eliminate the

document-dependent stop words as well as the generic stop words before the sentence similarity is computed. This step assists in the discrimination of the sentence semantic information. Then the cohesion information of sentences in a document o ...

Keywords: anisotropic diffusion, document-dependent stop words, dynamic programming, text segmentation

4 Design: Proving the validity and accessibility of dynamic web-pages

R. G. Stone, J. Dhiensa

May 2004 **Proceedings of the 2004 international cross-disciplinary workshop on Web accessibility (W4A) W4A '04**

Publisher: ACM Press

Full text available: pdf(58.16 KB) Additional Information: full citation, abstract, references, citings, index terms

If a static web-page is checked for accessibility and passes then all is well. However checking the accessibility of the output from a dynamic (scripted) web-page is like testing a program to find errors. However many times a test succeeds it is always possible that the program will produce bad output next time. What is needed is something closer to a proof of correctness. This paper describes a first attempt to provide a proof of validity for dynamic web-pages which can be extended to a proof o ...

Keywords: accessibility, dynamic Web-pages, validity

5 Reclamation of memory for dynamic Ada tasking

Philip J. Lefebvre

December 1987 **Proceedings of the 1987 annual ACM SIGAda international conference on Ada SIGAda '87**

Publisher: ACM Press

Full text available: pdf(710.72 KB) Additional Information: full citation, abstract, references, index terms

While working on several large-scale Ada projects, I have found what I consider a major problem with the Ada Tasking mechanism, that is, the reclamation of memory allocated to a dynamic task after the task has been terminated. I have written my own utility package to specifically deallocate the memory assigned to any such task. The problem arises from the fact that dynamically created tasks are generated by the use of allocators. The Ada Language Reference Manual (LRM) states

6 Static profile and dynamic behavior of COBOL programs

R. J. Chevance, T. Heidet

April 1978 **ACM SIGPLAN Notices**, Volume 13 Issue 4

Publisher: ACM Press

Full text available: pdf(724.18 KB) Additional Information: full citation, abstract, references, citings

A measurement system for gathering a static profile and dynamic characteristics of COBOL programs at the source language level is described. Static and dynamic results are presented and discussed.

7 ViSWeb—the Visual Semantic Web: unifying human and machine knowledge representations with Object-Process Methodology

Dov Dori

May 2004 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 13 Issue 2

Publisher: Springer-Verlag New York, Inc.

Full text available: pdf(1.22 MB) Additional Information: full citation, abstract, index terms

The Visual Semantic Web (ViSWeb) is a new paradigm for enhancing the current Semantic Web technology. Based on Object-Process Methodology (OPM), which enables modeling of systems in a single graphic and textual model, ViSWeb provides for representation of knowledge over the Web in a unified way that caters to human perceptions while also